

## AN ANNOTATED CHECKLIST OF THE PLANT BUGS OF COLORADO (HETEROPTERA: MIRIDAE)

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*Abstract.*—Based on literature records and recent collections, 513 species of Miridae, or plant bugs, are recorded in a checklist for Colorado. If allowances are made for misidentifications and unconfirmed records this total drops to 470 species, which is still the largest number of mirid species reported from any state in the U.S.A. Of these species, 7 are introductions, and 22 are Holarctic species indigenous to North America. Annotations are provided in the checklist giving information on counties of occurrence, host plant records, Colorado type localities, and instances of Holarctic or introduced species. Cases where the listing of a species in the state may be potentially erroneous due to misidentification or taxonomic uncertainty are noted.

*Key Words.*—Insecta, Miridae, Colorado, checklist, county distributions, host plants

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The state of Colorado is one of the most biologically diverse areas in the United States, due to its geographical position straddling the central Rocky Mountains and encompassing the headwaters of four major river basins: the South Platte, Arkansas, Rio Grande and Colorado. The state contains a wide range of landforms and vegetational assemblages, including the shortgrass prairies of the Great Plains, the coniferous forests and tundras of the Rocky Mountains, and the semi-desert pinyon and juniper woodlands of the Colorado Plateau. This topographical and vegetational complexity is reflected in the state's rich fauna of Miridae, or plant bugs. On the basis of the checklist presented below Colorado has 513 mirid species, more than are documented from any other state in the U.S.A. This total contrasts with the 119 species recorded from Colorado by Gillette & Baker (1895) and the 144 species listed by Knight (1968). The present total represents a 357 percent increase over Knight's (1968) list, and is indicative of the tremendous diversity of Miridae in the western United States, as well as the underestimation of this diversity in the current entomological literature.

Of the 513 mirid species recorded from Colorado, 28 are probably based on misidentifications. In addition, 22 species are plausible residents of the state but have not been confirmed outside of their original literature listings, and of these 15 are questionable. Deleting these 43 probable misidentifications and uncertain records leaves a revised state total of 470 species, which is the largest documented mirid fauna of any state for which reliable information is available (Table 1). Of these 470 species, 7 are definite introductions, leaving a native fauna of 463 species. It is probable that this revised total of 463 species is relatively close to an accurate count, since additional future discoveries are likely to be counter-balanced by the deletion of inaccurate records from the list as our knowledge of North American mirid systematics and distributions becomes more refined. The areas from which additional new state records are most likely to originate are the Arkansas River valley in the southeastern portion of the state, the Mesa de Maya

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east of Trinidad on the New Mexican border, the Colorado Plateau region along the western border of the state, and the high mountaintop tundras.

Colorado's exceptional mirid diversity is related to its geography. Each of the major river basins with headwaters in Colorado has provided a corridor along which mirids associated with different biomes have invaded the state. The South Platte River has been an avenue for species typical of the northern Great Plains grasslands and midwestern outliers of the eastern hardwood forests, the Arkansas River for species from the southern Great Plains grasslands and the savannahs of Oklahoma, the Rio Grande River for species from the Chihuahuan Desert of Texas and New Mexico, and the Colorado River for species from the Great Basin and Sonoran Deserts. Further, the great mountain chains of the Central Rockies that run north to south through the state have presented a barrier, isolating species on opposite sides of the Continental Divide, but also provided a boreal corridor for species typical of the coniferous forests and tundras of Canada and Alaska. This boreal component is best illustrated by the state's 22 Holarctic species that are indigenous to North America and shared with Eurasia.

In addition to the dispersal corridors noted above, certain mirids in Colorado exhibit what appear to be relictual distribution patterns caused by transgression and recession of plant communities during the Pleistocene. The extensive areas of alpine tundra above 12,000 feet provide montane refugia for Holarctic species such as *Chlamydatus wilkinsoni* (Douglas and Scott) and *Labops burmeisteri* Stål that are unknown elsewhere south of Alaska or the Yukon. Such species were likely more widespread at lower elevations during periods of glaciation, and have retreated uphill with the warming climate of the present interglacial. Similarly, species such as *Ceratocapsus modestus* (Uhler), *Phytocoris olseni* Knight and *Hyaliodes harti* Knight that are typical of the hardwood forests of eastern North America but now occur as isolated populations in certain sheltered Front Range canyons are probably disjunct relicts from a time when such forests covered the Great Plains.

#### METHODS

This checklist has been compiled primarily from collections made by the author and J. T. Polhemus over the last 10 years; these specimens are held in the J. T. Polhemus collection in Englewood, Colorado. Additional records were obtained from the Catalog of North American Heteroptera (Henry & Froeschner 1988), and from personal examination of specimens held in the following collections: University of Colorado (Boulder), Colorado State University (Ft. Collins), University of Utah (Salt Lake City), Brigham Young University (Provo), University of Arizona (Tucson), University of Kansas (Lawrence), American Museum of Natural History (New York), and National Museum of Natural History (Washington, D.C.).

The notation "Colo." after a species indicates that the species has been listed for the state but that no specific locality was given, and that no specimens have been examined to confirm the record. These are usually older literature records that are likely to have been based on misidentifications but which are difficult to confirm without examining the specimens. In certain cases they also represent true records based on collections by Uhler, Gillette or Baker that bear the notation



Table 1. Numbers of mirid species reported from various states.

| State          | Number of species | Source                   |
|----------------|-------------------|--------------------------|
| Arizona        | 233               | Knight 1968 <sup>a</sup> |
| California     | 455               | Henry & Froeschner 1988  |
| Nevada         | 207               | Knight 1968 <sup>a</sup> |
| Illinois       | 330               | Knight 1941              |
| Ohio           | 180               | Watson 1928              |
| Georgia        | 172               | Henry & Smith 1979       |
| North Carolina | 175               | Brimley 1938, Wray 1967  |
| West Virginia  | 247               | Wheeler et al. 1983      |
| Colorado       | 513               | current checklist        |

<sup>a</sup> The numbers from Knight (1968), although the most recently published for any western states, should be considered underestimates. For example, this same work listed only 147 species for California, compared to the 455 obtained by counting state records in the North American catalog (Henry & Froeschner 1988) and only 148 species for Colorado, compared to the 513 in the current checklist.

“Col.” or “Colo.” but no additional data. In some instances “Cal.” labels were incorrectly interpreted as “Col.,” leading to the erroneous listing of Californian species from Colorado. I have noted those cases where I am fairly certain that a misidentification is involved.

The records of many eastern U.S. species from Colorado are open to suspicion, especially those based on determinations by Gillette & Baker (1895), whose work predated the description of many western species. On the other hand, a number of typically eastern mirid species are now known to have disjunct populations occurring in moist canyons along the Front Range, so such records cannot be dismissed out of hand. It is also possible that some species recorded correctly by early authors but not collected subsequently may have gone extinct in Colorado due to human induced changes in the present Front Range urban corridor. Conversely, new populations of exotic eastern U.S. species that were not originally present in Colorado continue to be imported with nursery stock, and some of these, such as *Neurocolpus tiliae* Knight and *Plagiognathus delicatus* (Uhler) have become established as permanent residents of the state.

Taxonomic interpretations in this checklist follow those in the catalog of Henry & Froeschner (1988), except for certain genera that were revised subsequently, such as *Phytocoris* (Stonedahl 1988), *Pilophorus* (Schuh & Schwartz 1988), *Lopidea* (Asquith 1990, 1991) and various small genera in the tribe Stenodemini (Schwartz 1990). Species concepts and documented distributions are most confident for the following genera, which have either been recently revised or are currently under study: *Coquillettia*, *Deraeocoris*, *Irbisia*, *Lepidopsallus*, *Lopidea*, *Lygus*, *Orectoderus*, *Phytocoris*, *Pilophorus*, *Pseudopsallus*. This same information should be considered less reliable for several other genera that are still badly in need of revision, such as *Dichrooscytus*, *Lygidea*, *Orthotylus*, *Teleorhinus*, and *Tropidos-teptes*.

Taxa are listed alphabetically below the subfamily level. Subgenera are not included, and subspecies are not treated separately from their nominate species. A note is provided if a subspecies other than the nominate subspecies has been listed from the state. A question mark in parentheses following a species name

indicates that the determination is tentative. Taxa listed merely as "sp." are either undescribed or impossible to correctly identify using the present literature.

A locality followed by an asterisk [\*] and enclosed in parentheses indicates a type locality. The notation "Colo." followed by an asterisk [\*] and enclosed in parentheses indicates that the type came from Colorado but that no precise type locality was specified. The type localities for many species described by Uhler were taken from Gillette & Baker (1895) and Uhler (1877a, b). The descriptions prepared by Uhler for these works were mostly based on material collected in the vicinity of Fort Collins, Steamboat Springs, Colorado Springs, and Clear Creek Canyon (near Golden). In certain cases the original descriptions in the above works are followed by multiple locality listings, and it has not been possible to determine which of these represents the correct type locality. The type series for several of these species have been located in the collections of the Smithsonian Institution, thus clarifying the issue, but in other instances the type locality is still merely listed as "Colo." An explanatory note is provided in the cases where Uhler dealt with a mixed series of syntypes from several states.

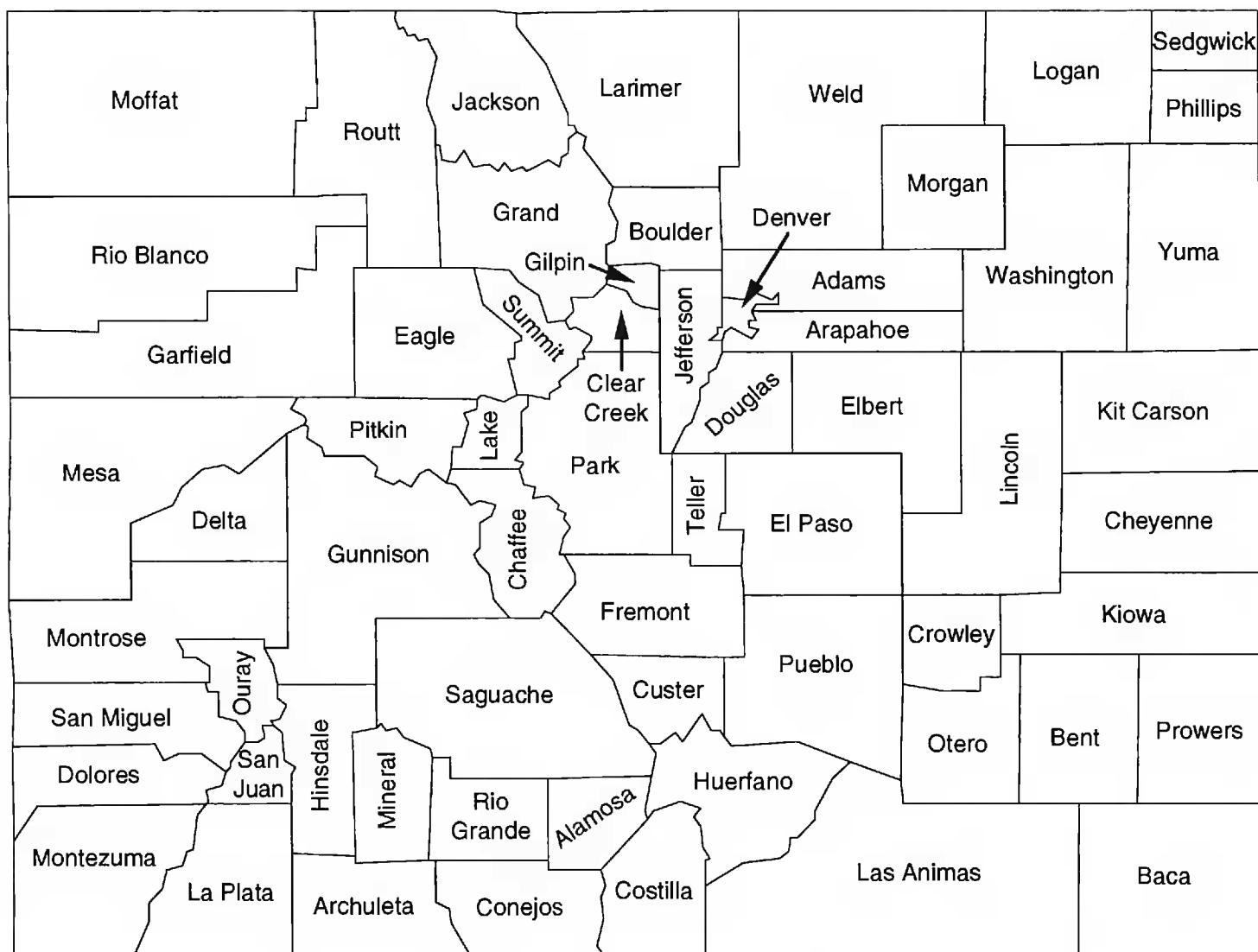
Host records are provided only where the host association is known for Colorado; host associations from other states are not included. Based on the present list, western yellow pine (*Pinus ponderosa* Laws) has the largest number of recorded mirid species with 20, followed closely by piñon pine (*Pinus edulis* Engelm.) and Gambel oak (*Quercus gambelii* Nutt.), each with 19. Other Colorado plants supporting large numbers of mirid species are rabbitbrush (*Chrysothamnus nauseosus* Pallas) with 13, sagebrush (*Artemisia tridentata* Nutt.) with 11, bristlecone pine (*Pinus aristata* Engelm.), Rocky Mountain juniper (*Juniperus scopulorum* Sarg.), and mountain mahogany (*Cercocarpus montanus* Raf.) with 9 each, and lodgepole pine (*Pinus contorta* Dougl.) and Englemann spruce (*Picea engelmanni* Parry) with 8 each. These mirid species loads are comparable to and in many cases exceed those reported by Knight (1968) for the Nevada Test Site, where the host plant supporting the most mirid species was singleleaf piñon pine (*Pinus monophylla* T. & F.) with 12, followed by one seed juniper (*Juniperus monosperma* Engelm.) with 8. The species totals for the various Colorado host plants listed above are probably underestimates, since the ecological associations between many plant species and their mirid faunas are poorly understood.

Occurrence dates are not given because they are quite variable, due to the wide altitudinal range occupied by many Colorado species, and nearly a month may separate a species' occurrence at high versus low elevations. Year to year fluctuations in temperature also have a marked influence on the dates of species appearance, often advancing or retarding the average emergence date by 2–4 weeks. This is particularly noticeable in the high tundras, where many species are adapted to take quick advantage of the short and unpredictable growing season.

#### CHECKLIST OF COLORADO MIRIDAE

The references to the original descriptions of most species treated in the following checklist may be found in the catalog of Henry & Froeschner (1988). Additional revisionary treatments containing taxonomic changes applicable to the Colorado fauna subsequent to 1988 include those of Asquith (1990, 1991), Henry (1991), Polhemus & Polhemus (1988), Schwartz (1990), Schuh & Schwartz (1988), Lattin et al. (1992), Schwartz et al. (1991), and Stonedahl (1988, 1990).





## COLORADO

Figure 1. Map of Colorado showing county names and locations.

### Subfamily Isometopinae

*Corticoris libertus* (Gibson).—Montrose Co. Attacking scale insects on *Pinus edulis* Engelm.

### Subfamily Cylapinae

*Fulvius slateri* Wheeler.—“Colo.”

### Subfamily Bryocorinae

*Cyrtopeltus notata* (Distant).—“Colo.” Probably a misidentification.

*Dicyphus agilis* (Uhler).—Boulder Co., Clear Creek Co. (Beaver Brook Gulch\*), Douglas Co., Eagle Co., Larimer Co., Las Animas Co. On *Geranium* sp.

*Dicyphus californicus* (Stål).—Larimer Co.

*Dicyphus confusus* Kelton.—Boulder Co., Clear Creek Co., La Plata Co., Mesa Co., Summit Co.

*Dicyphus cucurbitaceus* Spinola.—“Colo.” Probably a misidentification of *D. agilis* (Uhler).

*Dicyphus elongatus* Van Duzee.—Eagle Co.

*Dicyphus hesperus* Knight.—Douglas Co., El Paso Co., Larimer Co.

*Dicyphus paddocki* Knight.—Douglas Co. Probably a misidentification.

- Dicyphus tibialis* Kelton.—Boulder Co., Clear Creek Co., Larimer Co., Park Co., Routt Co. On *Geranium viscosissimum* F. & M., *Ribes viscosissimum* Pursh.  
*Dicyphus vestitus* Uhler.—Larimer Co. (Fort Collins\*).  
*Halticotoma valida* Townsend.—Boulder Co., Douglas Co., Gunnison Co., Prowers Co., Washington Co. On *Yucca glauca* Nutt.  
*Macrolophus brevicornis* Knight.—Douglas Co. On *Physalis* sp.  
*Macrolophus separatus* (Uhler).—"Colo." Probably a misidentification of *M. brevicornis* Knight.  
*Monalocoris americanus* Wagner & Slater.—Jefferson Co. Based on a Uhler record from Beaver Brook; not seen since.  
*Sixeonotus brevirostris* Knight.—Yuma Co. (Wray\*).  
*Sixeonotus insignis* Reuter.—Rio Blanco Co. Probably a misidentification.  
*Sixeonotus rostratus* Knight.—Dolores Co., Huerfano Co. (La Veta Pass\*), Larimer Co.  
*Sixeonotus scabrosus* Uhler.—Larimer Co. (Estes Park\*).

#### Subfamily Deraeocorinae

- Clivenema detecta* Knight.—Bent Co., Prowers Co.  
*Clivenema medialis* Knight.—"Colo." Based on Uhler label with no additional data.  
*Clivenema sericea* Knight.—Otero Co. At light.  
*Clivenema villosa* Reuter.—Prowers Co.  
*Conocephalocoris nasicus* Knight.—Montrose Co. On *Pinus edulis* Engelm.  
*Deraeocoris aphidiphagus* Knight.—Larimer Co.  
*Deraeocoris bakeri* Knight.—Delta Co., Garfield Co., Pitkin Co.  
*Deraeocoris balli* Knight.—Montezuma Co. (Dolores\*).  
*Deraeocoris barberi* Knight.—Conejos Co., Douglas Co., El Paso Co., Jefferson Co., Larimer Co., Las Animas Co. On *Pinus ponderosa* Laws.  
*Deraeocoris betulae* Knight.—Jefferson Co. On *Betula fontinalis* Sarg., *Alnus tenuifolia* Nutt.  
*Deraeocoris brevis* (Uhler).—Boulder Co., Chaffee Co., Denver Co., Douglas Co., El Paso Co., Jefferson Co., Larimer Co., Mesa Co. On *Rhus trilobata* Nutt., *Ribes cereum* Dougl., *Rubus* sp., *Quercus gambelii* Nutt., *Pseudotsuga menziesii* Mirb., *Betula fontinalis* Sarg.  
*Deraeocoris bullatus* Knight.—Montezuma Co., Routt Co. On *Purshia tridentata* Pursh., *Cowania stansburiana* Torr.  
*Deraeocoris cerachates* Uhler.—"Colo." Probably a misidentification.  
*Deraeocoris fulgidus* (Van Duzee).—Douglas Co., Jefferson Co., Larimer Co. On *Cercocarpus montanus* Raf.  
*Deraeocoris fulvescens* (Reuter).—Chaffee Co., El Paso Co., Lake Co., Larimer Co., Las Animas Co. On *Pinus ponderosa* Laws, *Pinus edulis* Engelm.  
*Deraeocoris grandis* (Uhler).—"Colo." Probably a misidentification.  
*Deraeocoris histrio* (Reuter).—Yuma Co. On *Polygonum* sp.  
*Deraeocoris incertus* Knight.—Archuleta Co., Huerfano Co., Larimer Co., Las Animas Co., Montrose Co. On *Picea engelmanni* Parry. Possible synonym of *D. picipes* Knight.  
*Deraeocoris manitou* (Van Duzee).—Douglas Co., El Paso Co. (Garden of the Gods\*), Elbert Co., Garfield Co., La Plata Co., Mesa Co., Mineral Co., Montrose



- Co., Ouray Co. On *Juniperus scopulorum* Sarg., *Juniperus monosperma* Engelm.  
*Deraeocoris navajo* Knight.—La Plata Co., Montrose Co. On *Pinus edulis* Engelm.  
*Deraeocoris nebulosus* (Uhler).—Arapahoe Co., Denver Co., Jefferson Co., Larimer Co., Mesa Co. On *Quercus gambelii* Nutt., *Gleditsia tricanthos* L.  
*Deraeocoris nigrifrons* Knight.—Eagle Co., Gunnison Co., Jackson Co., Larimer Co., Pitkin Co., Routt Co. On *Chrysothamnus* sp.  
*Deraeocoris nitenatus* Knight.—“Colo.” Probably a misidentification.  
*Deraeocoris piceicola* Knight.—Boulder Co., Dolores Co., Eagle Co., Larimer Co. (Pingree Park\*), Mineral Co., Montrose Co. On *Abies lasiocarpa* Hook., *Picea engelmanni* Parry, *Pinus aristata* Engelm.  
*Deraeocoris picipes* Knight.—Archuleta Co., Jefferson Co., Larimer Co., Las Animas Co., Montrose Co., Saguache Co. On *Pseudotsuga menziesii* Mirb., *Picea engelmanni* Parry.  
*Deraeocoris quercicola* Knight.—Archuleta Co., Douglas Co., El Paso Co., Huerfano Co., La Plata Co., Larimer Co., Moffat Co., Montrose Co. On *Quercus gambelii* Nutt.  
*Deraeocoris sayi* (Reuter).—Probably a misidentification.  
*Deraeocoris schwarzii* (Uhler).—Eagle Co., Lake Co., Pitkin Co., Routt Co., Summit Co. On *Artemisia tridentata* Nutt.  
*Deraeocoris tinctus* Knight.—Delta Co., Mesa Co. (Grand Junction\*).  
*Deraeocoris triannulipes* Knight.—Dolores Co., Douglas Co. On *Salix amygdaloides* Ander.  
*Eustictus pusillus* (Uhler).—Douglas Co., Las Animas Co., Montrose Co. On *Quercus gambelii* Nutt.  
*Hyaliodes harti* Knight.—Douglas Co., Jefferson Co. On *Quercus gambelii* Nutt.  
*Largidea gerhardi* Knight.—Jefferson Co. (Golden\*), Larimer Co. On *Pinus ponderosa* Laws.  
*Largidea rubida* (Uhler).—Montrose Co. On *Pinus edulis* Engelm.  
*Largidea shoshonea* Knight.—Larimer Co. (Estes Park\*).

#### Subfamily Phylinae

- Atomoscelis modestus* (Van Duzee).—Arapahoe Co., Montezuma Co. On *Iva xanthifolia* Nutt.  
*Atractotomus albidicoxis* Reuter.—Huerfano Co. (La Veta Pass\*). On *Pinus* sp.  
*Atractotomus balli* Knight.—Larimer Co., Mesa Co., Routt Co. On *Purshia tridentata* Pursh.  
*Atractotomus cercocarpi* Knight.—Boulder Co., Bent Co., Chaffee Co., Clear Creek Co., Douglas Co., Elbert Co., Jefferson Co., Larimer Co., Las Animas Co. (Stonewall\*), Park Co. On *Cercocarpus montanus* Raf.  
*Atractotomus cooperi* Stonedahl.—Park Co.  
*Campylomma verbasci* (Meyer-Dür).—“Colo.” A Palearctic species introduced to North America.  
*Chaetophylidea moerens* (Reuter).—“Colo.” Probably a misidentification of *Plagiognathus geranii* Knight.  
*Chlamydatus arcuatus* Knight.—Clear Creek Co., Dolores Co., Mineral Co. (Wolf Creek Pass\*), Routt Co.  
*Chlamydatus associatus* (Uhler).—Larimer Co., Las Animas Co., Montezuma Co., Routt Co., Weld Co.

- Chlamydatus brevicornis* Knight.—Larimer Co., Routt Co., San Miguel Co. On *Artemisia tridentata* Nutt.
- Chlamydatus monolipes* Van Duzee.—Douglas Co. On *Artemisia* sp.
- Chlamydatus pallidicornis* Knight.—Routt Co. On *Potentilla plattensis* Nutt.
- Chlamydatus pullus* (Reuter).—Larimer Co., Routt Co. A Holarctic species indigenous to North America.
- Chlamydatus ruficornis* Knight.—Elbert Co., Larimer Co., Las Animas Co. On *Trifolium* sp.
- Chlamydatus suavis* (Reuter).—Douglas Co., Larimer Co. On *Ambrosia trifida* L.
- Chlamydatus wilkinsoni* (Douglas & Scott).—Clear Creek Co. On alpine tundra. A Holarctic species indigenous to North America.
- Conostethus americanus* Knight.—Arapahoe Co., Douglas Co., Elbert Co., Larimer Co. (Ft. Collins\*), Pueblo Co., Weld Co. On shortgrass prairie.
- Coquillettia alpina* Polhemus and Polhemus.—Clear Creek Co. (Mt. Goliath\*), Gilpin Co. On alpine tundra.
- Coquillettia amoena* (Uhler).—Denver Co., Fremont Co., Weld Co. Syntypes from Colorado, New Mexico, Texas and Illinois. Described twice by Uhler in the same year (1877a, b), in different publications. A lectotype needs to be fixed. Eastern U. S. populations are not conspecific with those from Colorado, and are probably referable to *C. mimetica* Osborn.
- Coquillettia balli* Knight.—Prowers Co. (Lamar\*).
- Coquillettia granulata* Knight.—Probably occurs in Mesa Co. (type locality Westwater, Utah, on the Colorado border, incorrectly listed as “West Wats” in original description).
- Coquillettia insignis* Uhler.—Arapahoe Co., Douglas Co., El Paso Co., Elbert Co., Las Animas Co., Logan Co., Montrose Co., Morgan Co., Pueblo Co., Teller Co. On *Lupinus argenteus* Pursh. Syntypes from Colorado, Dakota Territory, Idaho and Montana.
- Coquillettia jessiana* Knight.—Elbert Co., Logan Co. (Sterling\*), Morgan Co., Weld Co.
- Coquillettia mimetica* Osborn.—Las Animas Co. Colorado records belong to the subspecies *laticeps* Knight, which is probably synonymous with *C. amoena* Uhler.
- Coquillettia nigrithorax* Knight.—Elbert Co., Las Animas Co. On *Gutierrezia sarothrae* Pursh.
- Criocoris saliens* (Reuter).—Jefferson Co.
- Cyrtopeltocoris albofasciatus* Reuter.—Pueblo Co.
- Cyrtopeltocoris balli* Knight.—Elbert Co., Pueblo Co. (Pueblo\*).
- Dacota hesperia* Uhler.—Clear Creek Co., Larimer Co., Mesa Co. Syntypes from Colorado and Dakota Territory. On *Potentilla* sp. A Holarctic species indigenous to North America.
- Europiella angulata* (Uhler).—Jefferson Co., Gunnison Co., Larimer Co., Las Animas Co., Montezuma Co., Prowers Co., Routt Co. (Steamboat Springs\*). On *Chrysothamnus* sp., *Artemisia* sp.
- Europiella decolor* (Uhler).—Douglas Co., Elbert Co., Larimer Co., La Plata Co., Logan Co., Montezuma Co., Rio Blanco Co., Saguache Co. On *Artemisia tridentata* Nutt.
- Europiella monticola* Knight.—Routt Co. (Rabbit Ears Pass\*).



- Europiella pilosula* (Uhler).—Costilla Co., Garfield Co., Larimer Co., Logan Co., Moffat Co., Rio Blanco Co., Weld Co.
- Europiella sparsa* Van Duzee.—“Colo.”
- Europiella stigmata* (Uhler).—Costilla Co., Jackson Co., Montezuma Co. On *Artemisia tridentata* Nutt.
- Europiella unipunctata* Knight.—Gunnison Co., Las Animas Co.
- Hoplomachus affiguratus* (Uhler).—Montrose Co., Routt Co. (Steamboat Springs\*), San Juan Co. On *Picea engelmanni* Parry.
- Icodema nigrolineatum* (Knight).—Douglas Co., Mesa Co. On *Quercus gambelii* Nutt.
- Keltonia tuckeri* (Poppius).—Douglas Co., Jefferson Co., Mesa Co. On *Chrysopsis villosa* Pursh.
- Lepidopsallus atricolor* (Knight).—Archuleta Co., Bent Co., Boulder Co., Chaffee Co., Douglas Co., Gunnison Co., Jefferson Co., Larimer Co., Las Animas Co., Mesa Co., Moffat Co., Montezuma Co., Montrose Co., Pueblo Co., Routt Co. On *Salix interior* Rowlee.
- Lepidopsallus ovatus* (Knight).—Douglas Co., Garfield Co., Jefferson Co., Montezuma Co., Montrose Co., Ouray Co. On *Quercus gambelii* Nutt.
- Lepidopsallus tuthilli* (Knight).—Las Animas Co., Mineral Co. (Creede\*), Park Co. On *Ribes* sp.
- Lopus decolor* (Fallén).—“Colo.” A Palearctic species introduced to North America.
- Macrotylus amoenus* Reuter.—Douglas Co.
- Macrotylus tristis* Uhler.—“Colo.” Probably a mislabelled specimen from California.
- Maurodactylus consors* Uhler.—Garfield Co., Grand Co., Gunnison Co., Jefferson Co., Lake Co. (Leadville\*), Larimer Co., Montezuma Co., Pueblo Co., Rio Blanco Co., Routt Co., Saguache Co., Weld Co.
- Megalopsallus latifrons* Knight.—Delta Co., Larimer Co., Las Animas Co. (Delhi\*), Mesa Co.
- Megalopsallus rubropictipes* Knight.—Fremont Co. (Florence\*), Las Animas Co., Otero Co., Pueblo Co. On *Atriplex* sp.
- Microphylellus adustus* Knight.—Chaffee Co., Costilla Co. (Ft. Garland\*), Eagle Co., Pueblo Co. On *Pinus edulis* Engelm.
- Monosynamma bohemannii* (Fallén).—Douglas Co., Gunnison Co., Larimer Co., Rio Grande Co. On *Salix interior* Rowlee. A Holarctic species indigenous to North America.
- Oncotylus guttulatus* Uhler.—Douglas Co., Larimer Co., Montezuma Co. On *Sphaeralcea coccinea* Pursh.
- Orectoderus bakeri* Knight.—Eagle Co., Jackson Co., Routt Co. On *Artemisia tridentata* Nutt.
- Orectoderus cockerelli* Knight.—Teller Co. (Florissant\*). On *Potentilla* sp.
- Orectoderus longicollis* Uhler.—Eagle Co., Larimer Co., Routt Co. (Steamboat Springs\*). On *Symphoricarpos albus* L.
- Orectoderus obliquus* Uhler.—(“Colo.”\*), Boulder Co., Douglas Co., Eagle Co., El Paso Co., Jefferson Co., Gunnison Co., Larimer Co. Syntypes from Colorado, Washington, Kansas, Illinois, Massachusetts, Connecticut, Pennsylvania and Canada. On *Symphoricarpos* sp.

- Orectoderus salicis* Knight.—Clear Creek Co., Eagle Co., Grand Co. (Berthoud Pass\*), Summit Co. On *Salix scouleriana* Barr., *Potentilla* sp.
- Orectoderus utahensis* Knight.—Eagle Co., Mesa Co., Montrose Co. On *Symphoricarpos* sp.
- Phoenicocoris longirostris* (Knight).—Clear Creek Co., Chaffee Co., Larimer Co., Park Co. On *Pinus flexilis* James, *Pinus contorta* Dougl., *Pinus aristata* Engelm.
- Phoenicocoris obscurellus* (Fallén).—Costilla Co., Montrose Co. On *Pinus edulis* Engelm.
- Phyllopidea montana* Knight.—Eagle Co., Garfield Co., Gunnison Co., Lake Co., Routt Co. (Steamboat Springs\*). On *Artemisia tridentata* Nutt.
- Phyllopidea picta* (Uhler).—Delta Co., Eagle Co., La Plata Co., Mesa Co., Moffat Co., Montezuma Co., Routt Co. On *Artemisia tridentata* Nutt.
- Phymatopsallus pantherinus* (Van Duzee).—"Colo."
- Pilophorus americanus* Poppius.—Boulder Co., Chaffee Co., Clear Creek Co., Douglas Co., Grand Co., Gunnison Co., Jefferson Co., La Plata Co., Lake Co., Larimer Co., Las Animas Co., Park Co., Pitkin Co., Rio Blanco Co., Routt Co., Summit Co. On *Pseudotsuga menziesii* Mirb., *Pinus contorta* Dougl., *Pinus flexilis* James, *Pinus ponderosa* Laws.
- Pilophorus balli* Knight.—Larimer Co., Mesa Co. (Grand Junction\*).
- Pilophorus clavatus* (L.).—Delta Co. A Holarctic species introduced to North America.
- Pilophorus crassipes* Heidemann.—Douglas Co., Elbert Co. On *Pinus ponderosa* Laws.
- Pilophorus diffusus* Knight.—Archuleta Co., Chaffee Co., Clear Creek Co., Douglas Co., Grand Co., Gunnison Co., Jackson Co., Larimer Co. (Pingree Park\*), Mesa Co., Pitkin Co., Rio Blanco Co., Routt Co., San Juan Co., Summit Co. On *Pinus aristata* Engelm., *Pinus contorta* Dougl.
- Pilophorus discretus* Van Duzee.—Mesa Co.
- Pilophorus dislocatus* Knight.—Gunnison Co., Jefferson Co., Las Animas Co., Larimer Co., Montezuma Co., Park Co. (Stonewall\*). On *Pinus ponderosa* Laws.
- Pilophorus exiguus* Poppius.—Rio Blanco Co. On *Pinus edulis* Engelm.
- Pilophorus fuscipennis* Knight.—Chaffee Co., Costilla Co., Las Animas Co. (Stonewall\*), Montrose Co., Pitkin Co., Rio Blanco Co. On *Pinus edulis* Engelm.
- Pilophorus longisetosus* Knight.—Douglas Co., El Paso Co. (Colorado Springs\*), Jefferson Co., Las Animas Co., Montezuma Co., Montrose Co., Routt Co. On *Quercus gambelii* Nutt.
- Pilophorus nevadensis* Knight.—Moffat Co.
- Pilophorus salicis* Knight.—Bent Co. (Las Animas\*), Chaffee Co., Douglas Co., El Paso Co., Jefferson Co., Larimer Co., Mesa Co., Otero Co., Pitkin Co., Yuma Co. On *Salix interior* Rowlee.
- Pilophorus tibialis* Van Duzee.—Boulder Co., Chaffee Co., Clear Creek Co., Costilla Co., Dolores Co., Douglas Co., Eagle Co., El Paso Co., Fremont Co., Garfield Co., Gilpin Co., Grand Co., Gunnison Co., Huerfano Co., Jackson Co., Jefferson Co., La Plata Co., Lake Co., Larimer Co., Las Animas Co., Mineral Co., Montezuma Co., Montrose Co., Park Co., Pitkin Co., Rio Blanco Co., Routt Co., Summit Co., Teller Co. On *Pinus ponderosa* Laws, *Pinus contorta* Dougl., *Pinus aristata* Engelm., *Pinus edulis* Engelm., *Pseudotsuga menziesii* Mirb., *Juniperus scopulorum* Sarg.



- Pilophorus vicarius* Poppius.—Archuleta Co., Boulder Co., Chaffee Co., Conejos Co., Custer Co., Douglas Co., Eagle Co., Fremont Co., Garfield Co., Gunnison Co., Jackson Co., Jefferson Co., Larimer Co., Las Animas Co., Montezuma Co., Ouray Co., Pitkin Co., Rio Blanco Co., Saguache Co. On *Artemisia tridentata* Nutt., *Chrysothamnus nauseosus* Pallas.
- Plagiognathus albonotatus* Knight.—Larimer Co.
- Plagiognathus annulatus* Uhler.—Denver Co., Gunnison Co., Jackson Co., Larimer Co., Routt Co. (Steamboat Springs\*).
- Plagiognathus apiatus* (Uhler).—Huerfano Co., (“Colo.”\*).
- Plagiognathus cuneatus* Knight.—Arapahoe Co., Douglas Co., Routt Co.
- Plagiognathus delicatus* (Uhler).—Arapahoe Co. On ornamental *Gleditsia tricanthos* L. Introduced on nursery stock.
- Plagiognathus flavescens* Knight.—Boulder Co., Dolores Co., Gunnison Co., Larimer Co., Montrose Co., Ouray Co., Pitkin Co., Routt Co., San Juan Co. On *Lonicera involucrata* Rich. Frequently confused with *Lopus decolor* Fallén.
- Plagiognathus fulvaceus* Knight.—Eagle Co., Montezuma Co. (Dolores\*), Rio Blanco Co. On *Symphoricarpos* sp.
- Plagiognathus fumidus* Uhler.—Routt Co. (Steamboat Springs\*).
- Plagiognathus fuscipes* Knight.—Huerfano Co. (La Veta Pass). On *Potentilla* sp.
- Plagiognathus geranii* Knight.—Douglas Co., El Paso Co., Huerfano Co., Jefferson Co., Larimer Co., Las Animas Co., Routt Co. On *Geranium* sp.
- Plagiognathus guttatipes* (Uhler).—El Paso Co. (Manitou Springs\*), Larimer Co., Yuma Co.
- Plagiognathus guttulosus* (Reuter).—Douglas Co., Jefferson Co., Montrose Co. On *Quercus gambelii* Nutt, *Amelanchier alnifolia* Nutt. This species is likely polytypic as presently interpreted.
- Plagiognathus longipennis* (Uhler).—Gunnison Co., Larimer Co., (“Colo.”\*).
- Plagiognathus nicholi* Knight.—Costilla Co.
- Plagiognathus nigritus* Knight.—Larimer Co.
- Plagiognathus nigronitens* Knight.—Larimer Co.
- Plagiognathus obscurus* Uhler.—Boulder Co., Costilla Co., Gunnison Co., Larimer Co., Routt Co.
- Plagiognathus politus* Uhler.—Larimer Co. (Fort Collins\*).
- Plagiognathus ribesi* Kelton.—Douglas Co., Jefferson Co., Gunnison Co. On *Ribes cereum* Dougl.
- Plagiognathus rolfsi* Knight.—Clear Creek Co. On *Pinus aristata* Engelm.
- Plagiognathus rubidus* (Poppius).—Denver Co., Douglas Co., El Paso Co., Larimer Co. On *Rhus trilobata* Nutt.
- Plagiognathus sheperdiae* Knight.—Archuleta Co. (Pagosa Springs\*), Dolores Co. On *Sheperdia* sp.
- Plagiognathus verticalis* (Uhler).—“Colo.” Based on a Baker label with no additional data.
- Pronotocrepis clavicornis* Knight.—Costilla Co. (Ft. Garland\*), Mineral Co. On *Ribes cereum* Dougl.
- Psallus amorphae* Knight.—Douglas Co. On *Amorpha fruticosa* L.
- Psallus cercocarpicola* Knight.—Douglas Co., Jefferson Co., Las Animas Co. (Stonewall\*). On *Cercocarpus montanus* Raf.
- Psallus drakei* Knight.—“Colo.” Probably a misidentification.

- Psallus falleni* Reuter. — Gunnison Co., Jackson Co., Rio Grande Co., San Miguel Co. On *Alnus tenuifolia* Nutt. A Holarctic species indigenous to North America.
- Psallus flaviclavus* Knight. — Larimer Co. (Estes Park\*). On *Pinus ponderosa* Laws.
- Psallus fuscopunctatus* Knight. — Huerfano Co. (La Veta Pass\*), Larimer Co., Park Co. On *Artemisia frigida* Willd.
- Psallus nigrovirgatus* Knight. — Jefferson Co., Larimer Co. (Estes Park\*), Las Animas Co. On *Pinus ponderosa* Laws.
- Psallus picipes* Van Duzee. — Mesa Co.
- Psallus purshiae* Knight. — Eagle Co., Routt Co. On *Purshia tridentata* Pursh.
- Pseudatomoscelis seriatus* (Reuter). — Douglas Co., Otero Co., Weld Co. On *Croton texanus* Klot., *Solidago* sp.
- Reuteroscopus abroniae* Knight. — Larimer Co., Weld Co. (Hudson\*).
- Reuteroscopus longirostris* Knight. — Larimer Co.
- Reuteroscopus ornatus* (Reuter). — Denver Co., Larimer Co., Otero Co., Weld Co.
- Rhinacloa forticornis* Reuter. — Arapahoe Co.
- Semium subglaber* Knight. — Montezuma Co., Pueblo Co. On *Euphorbia* sp.
- Tannerocoris sarcobati* Knight. — Delta Co., La Plata Co.
- Teleorhinus utahensis* (?) Knight. — Douglas Co., El Paso Co., Larimer Co. On *Cercocarpus montanus* Raf. The correct identities of this and the next species are uncertain.
- Teleorhinus tephrosicola* (?) Knight. — Montrose Co.
- Tuponia statices* Jakolev. — Boulder Co., Chaffee Co. Probably a misidentification.
- Tuponia subnitida* Uhler. — Gunnison Co., Kit Carson Co., Larimer Co., Routt Co. (Steamboat Springs\*). Reported injuring alfalfa at Fowler.
- Tytthus pubescens* Knight. — Jackson Co. A Holarctic species indigenous to North America.
- Tytthus vagus* Knight. — Larimer Co.

#### Subfamily Orthotylinae

- Argyrocoris scurrilis* Van Duzee. — Mesa Co. at UV light.
- Brooksetta althaeae* (Hussey). — Costilla Co., Routt Co.
- Brooksetta chelifera* (Knight). — Douglas Co., Eagle Co., Larimer Co. On *Sphaeralcea coccinea* Pursh.
- Brooksetta inconspicua* (Uhler). — Routt Co.
- Brooksetta incurva* (Knight). — Larimer Co. (Ft. Collins\*).
- Brooksetta viridicata* (Uhler). — Boulder Co., Gunnison Co., Mineral Co., Routt Co., Summit Co., ("Colo."\*). On *Potentilla pulcherrima* Lehm.
- Ceratocapsus apicalis* Knight. — Douglas Co., Larimer Co., Pueblo Co. On *Sphaeralcea coccinea* Pursh.
- Ceratocapsus apicatus* Van Duzee. — Douglas Co., El Paso Co., Jefferson Co., Larimer Co., Las Animas Co. On *Pinus ponderosa* Laws.
- Ceratocapsus biformis* Knight. — Jefferson Co., Larimer Co. (Pingree Park\*), Park Co. Possible synonym of *elongatus* (Uhler).
- Ceratocapsus denticulatus* Knight. — Dolores Co., Douglas Co., El Paso Co., Jefferson Co., Larimer Co., Las Animas Co., Montrose Co., Ouray Co. On *Quercus gambelii* Nutt.
- Ceratocapsus elongatus* (Uhler). — Custer Co., Larimer Co.
- Ceratocapsus fasciatus* (Uhler). — El Paso Co. Syntypes from Colorado, Texas,

- Missouri, Illinois, Pennsylvania and Maryland. Uhler's species concept was based on a composite syntype series, and a lectotype needs to be fixed. If eastern U.S. populations are considered "true" *C. fasciatus*, then Colorado records of this species are probably referable to *C. apicatus* Van Duzee.
- Ceratocapsus fulvipennis* Knight.—Douglas Co., Las Animas Co. (Stonewall\*). On *Pinus ponderosa* Laws.
- Ceratocapsus fusiformis* Van Duzee.—Douglas Co., Jefferson Co., Montezuma Co. On *Quercus gambelii* Nutt.
- Ceratocapsus geminatus* Knight.—Douglas Co., Larimer Co. (Little Beaver\*), Las Animas Co. On *Pinus ponderosa* Laws.
- Ceratocapsus minutus* (Uhler).—Larimer Co.
- Ceratocapsus modestus* (Uhler).—Douglas Co., Larimer Co. On *Quercus gambelii* Nutt.
- Ceratocapsus pumilus* (Uhler).—Douglas Co., Morgan Co. On *Vitis riparia* Michx.
- Ceratocapsus tricolor* Knight.—Huerfano Co., Las Animas Co., Montezuma Co. (Mancos\*), Rio Grande Co.
- Cyrtorhinus caricis* (Fallén).—Larimer Co. A Holarctic species indigenous to North America.
- Cyrtorhinus pubescens* Knight.—Yuma Co. (Wray\*).
- Diaphnidia debilis* Uhler.—Costilla Co., Dolores Co., Eagle Co., El Paso Co., Routt Co. (Steamboat Springs\*). On *Symphoricarpos albus* L.
- Diaphnocoris chlorionis* (Say).—Arapahoe Co., Douglas Co. On ornamental *Gleditsia tricanthos* L. Introduced on nursery stock.
- Diaphnocoris pellucida* (Uhler).—Douglas Co., Larimer Co. (Fort Collins\*), Las Animas Co.
- Diaphnocoris provancheri* (Burque).—Clear Creek Co.
- Diaphnocoris ulmi* (Knight).—Larimer Co.
- Dichaetocoris anasazi* Polhemus.—Mesa Co., Montrose Co. On *Pinus edulis* Engelm.
- Dichaetocoris coloradensis* Knight.—La Plata Co. (Durango\*), Montezuma Co. On *Juniperus osteosperma* Torrey.
- Dichaetocoris nevadensis* Knight.—Garfield Co. On *Juniperus osteosperma* Torrey.
- Dichaetocoris piceicola* (Knight).—Las Animas Co., Mineral Co. (Wolf Creek Pass\*), Routt Co. On *Picea engelmanni* Parry.
- Dichaetocoris spinosus* (Knight).—Douglas Co., Gunnison Co., Larimer Co., Mesa Co. On *Juniperus scopulorum* Sarg., *Juniperus osteosperma* Torrey.
- Hadronema bispinosum* Knight.—Larimer Co.
- Hadronema militare* Uhler.—Archuleta Co., Boulder Co., Costilla Co., Custer Co., Dolores Co., Douglas Co., Elbert Co., El Paso Co., Gilpin Co., Jefferson Co., Larimer Co., Las Animas Co., Mineral Co., Montezuma Co., Routt Co.
- Hadronema pictum* Uhler.—El Paso Co. (Colorado Springs\*), Larimer Co., Logan Co., Prowers Co.
- Hadronema princeps* Uhler.—Dolores Co., Eagle Co., Jefferson Co., Larimer Co., Montezuma Co.
- Hadronema simplex* Knight.—Douglas Co., Larimer Co., Mineral Co.
- Hadronema uhleri* Van Duzee.—Douglas Co., Larimer Co., Pueblo Co.
- Halticus apterus* (L.).—"Colo." Probably a misidentification of *H. intermedius* Uhler.



- Halticus bractatus* (Say).—"Colo." Probably a misidentification of *H. intermedius* Uhler.
- Halticus intermedius* Uhler.—Douglas Co., Larimer Co., Las Animas Co. On *Clematis linguisticifolia* Nutt.
- Heterocordylus malinus* Slingerland.—"Colo." Probably a misidentification.
- Ilnacora albifrons* Knight.—Denver Co., Douglas Co., El Paso Co., Jefferson Co., Larimer Co., Logan Co., Routt Co., Weld Co. On *Grindelia subalpina* Greene.
- Ilnacora chloris* (Uhler).—Arapahoe Co., Conejos Co., Costilla Co., Douglas Co., El Paso Co. (Colorado Springs area\*), Larimer Co., Las Animas Co., Montrose Co. On *Chrysopsis villosa* Pursh.
- Ilnacora divisa* Reuter.—Boulder Co., El Paso Co., Larimer Co.
- Ilnacora stalii* Reuter.—Costilla Co., Larimer Co., Las Animas Co., Rio Grande Co.
- Ilnacorella nigrisquamosa* Knight.—Dolores Co.
- Ilnacorella sulcata* Knight.—Gunnison Co., Montrose Co., Routt Co. On *Ligusticum porteri* C. & R., *Osmorhiza occidentalis* Nutt.
- Ilnacorella viridis* (Uhler).—Gunnison Co., Larimer Co., Routt Co. (Steamboat Springs\*).
- Labops burmeisteri* Stål.—Clear Creek Co. On tundra. A Holarctic species indigenous to North America.
- Labops hesperius* Uhler.—Archuleta Co., Boulder Co., Clear Creek Co., Douglas Co., Larimer Co., Mesa Co. Syntypes from Colorado and Montana. On grasses.
- Labops hirtus* Knight.—Eagle Co., Denver Co., Gunnison Co., Larimer Co., Mineral Co., Park Co.
- Labops utahensis* Slater.—"Colo."
- Labopidea nigripes* (Reuter).—"Colo."
- Labopidea simplex* (Uhler).—Boulder Co., Clear Creek Co., Dolores Co., Douglas Co., Eagle Co., Jefferson Co., Huerfano Co., La Plata Co., Larimer Co., Routt Co., Teller Co., ("Colo."\*), type locality not specified.
- Lindbergocapsus lenensis* (Lindberg).—Boulder Co., Clear Creek Co. On *Allium geyeri* Wats. A Holarctic species indigenous to North America.
- Lopidea balli* Knight.—Arapahoe Co. (Denver\*), Archuleta Co., Costilla Co., Crowley Co., Custer Co., Eagle Co., El Paso Co., Fremont Co., Gunnison Co., Huerfano Co., Larimer Co., Las Animas Co., Mesa Co., Morgan Co., Otero Co., Sedgewick Co., Weld Co. On *Salix amygdaloides* Ander., *Robinea neomexicana* Gray, *Solidago* sp. As interpreted by Asquith (1991), the subspecies *L. balli balli* Knight occurs on the Great Plains, and the subspecies *L. balli chelififer* Knight in the mountains.
- Lopidea caesar* (Reuter).—Larimer Co., Las Animas Co., Otero Co., Prowers Co. Probably misidentifications of *L. instabilis* (Reuter).
- Lopidea confluenta* (Say).—Morgan Co., Sedgewick Co. Probably a misidentification.
- Lopidea confraterna* (Gibson).—Boulder Co., Dolores Co., El Paso Co., Jefferson Co., Montezuma Co., Ouray Co., Prowers Co., Weld Co., Yuma Co.
- Lopidea cuneata* Van Duzee.—Larimer Co., Otero Co.
- Lopidea dakota* Knight.—Alamosa Co., Arapahoe Co., Boulder Co., Denver Co., Douglas Co., El Paso Co., Larimer Co., Las Animas Co., Moffat Co., Pueblo

- Co., Weld Co. On *Conium maculatum* L., *Solidago canadensis* L., *Salix amygdaloides* Ander., *Symphoricarpos* sp.
- Lopidea falcicula* Knight.—Archuleta Co., Conejos Co., Costilla Co., Dolores Co. (Rico\*), Huerfano Co., Gunnison Co., Las Animas Co., Mineral Co., Montezuma Co., Ouray Co., Pitkin Co., Rio Blanco Co. On *Astragalus* sp.
- Lopidea heidemanni* Knight.—Otero Co.
- Lopidea hesperus* (Kirkaldy).—Douglas Co., Larimer Co. On *Amorpha fruticosa* L. As interpreted by Asquith (1991), Colorado populations belong to the subspecies *L. hesperus amorphae* Knight.
- Lopidea instabilis* (Reuter).—Arapahoe Co., Weld Co. On *Salix interior* Rowlee. As interpreted by Asquith (1991) the Colorado populations belong to the nominate subspecies.
- Lopidea marginata* Uhler.—“Colo.” Probably a misidentification.
- Lopidea media* (Say).—Arapahoe Co., Boulder Co., Costilla Co., Denver Co., Douglas Co., El Paso Co., Garfield Co., Jefferson Co., La Plata Co., Larimer Co., Moffat Co., Routt Co., Teller Co. On *Ceanothus fendleri* Gray, *Chrysothamnus nauseosus* Pallas, *Solidago* sp.
- Lopidea minor* Knight.—(“Colo.”\*), Denver Co., Jefferson Co., Larimer Co. On *Dalea purpurea* Vent.
- Lopidea nicholella* Knight.—Mesa Co. On *Agropyron trachycalum* Link.
- Lopidea nigridia* Uhler.—Boulder Co., Douglas Co., Larimer Co., Mesa Co., Montezuma Co., Routt Co. (Steamboat Springs\*). Asquith (1990) recognized two subspecies in Colorado, *L. nigridia nigridia* Uhler to the west of the Continental Divide, and *L. nigridia serica* Knight (type locality Larimer Co., Fort Collins) to the east. On *Delphinium occidentale* Wats., *Lupinus* sp.
- Lopidea picta* Knight.—Archuleta Co., Chaffee Co., Dolores Co., Eagle Co., Grand Co., Gunnison Co., Moffat Co., Pueblo Co. (Pueblo\*), Rio Blanco Co., Routt Co. On *Artemisia tridentata* Nutt., *Chrysothamnus* sp.
- Lopidea robineae* (Uhler).—Douglas Co. On *Robinea pseudoacacia* L.
- Lopidea robusta* Uhler.—“Colo.”
- Lopidea salicis* Knight.—Douglas Co., Larimer Co. On *Salix amygdaloides* Ander.
- Lopidea teton* Knight.—Arapahoe Co., Boulder Co., Chaffee Co., Clear Creek Co., Denver Co., Douglas Co., El Paso Co., Jefferson Co., Larimer Co., Teller Co., Weld Co. On *Astragalus parryi* Gray, *Astragalus drummondi* Doug., *Astragalus crassicaarpus* Nutt., *Astragalus bisulcatus* Hook., *Oxytropus serica* Nutt.
- Lopidea ute* Knight.—Archuleta Co., Conejos Co., Garfield Co., Mesa Co., Montezuma Co., Montrose Co., Rio Blanco Co., Routt Co. (Steamboat Springs\*). On *Shepherdia argentea* Pursh., *Lupinus* sp. As interpreted by Asquith (1991) the Colorado populations belong to the nominate subspecies.
- Macrotyloides symmetricus* Knight.—Larimer Co. (Estes Park\*).
- Macrotyloides vestitus* (Uhler).—Gunnison Co., Larimer Co.
- Mecomma angustatum* (Uhler).—Clear Creek Co., Gunnison Co., Larimer Co., Rio Blanco Co., Routt Co. (Steamboat Springs\*), Summit Co.
- Melanotrichus albocostatus* (Van Duzee).—Delta Co., Denver Co., Douglas Co., Elbert Co., Mesa Co., Routt Co. On *Descurania* sp., *Cardaria* sp.
- Melanotrichus coagulatus* (Uhler).—Arapahoe Co., El Paso Co., Fremont Co., Huerfano Co., Jefferson Co. (Clear Creek Canyon\*), Larimer Co., Las Animas Co., Otero Co., Routt Co. On *Chenopodium* sp.



- Melanotrichus knighti* Polhemus.—Eagle Co.
- Melanotrichus senectus* (Van Duzee).—El Paso Co., Gunnison Co., Pueblo Co.
- Noctuocoris conspurcatus* Schwartz & Stonedahl. Grand Co., Montrose Co. On *Pinus edulis* Engelm., *Pinus contorta* Dougl.
- Noctuocoris fumidus* (Van Duzee).—Larimer Co. (Ft. Collins\*).
- Orthotylus angulatus* (Uhler).—Archuleta Co., Boulder Co., Costilla Co., Denver Co., Dolores Co., Gunnison Co., Jackson Co., Larimer Co. (Fort Collins\*), Las Animas Co., Montezuma Co., Otero Co., Routt Co., Weld Co. On *Betula fontinalis* Sarg.
- Orthotylus candidatus* Van Duzee.—Larimer Co., Mineral Co., Montrose Co. On *Populus tremuloides* Michx.
- Orthotylus dorsalis* (Provancher).—Larimer Co. Probably a misidentification.
- Orthotylus fuscicornis* Knight.—Archuleta Co., Crowley Co., Dolores Co., Larimer Co., Las Animas Co., Otero Co., Ouray Co., Rio Grande Co. (South Fork\*). On *Salix* sp.
- Orthotylus lateralis* Van Duzee.—Denver Co., Pueblo Co.
- Orthotylus marginatus* (Uhler).—Larimer Co., Routt Co. (Steamboat Springs\*). On *Salix* sp.
- Orthotylus modestus* Van Duzee.—Douglas Co. On *Salix amygdaloides* Ander.
- Orthotylus ornatus* Van Duzee.—Douglas Co., El Paso Co., Larimer Co. On *Salix amygdaloides* Ander.
- Orthotylus rossi* Knight.—Gunnison Co.
- Orthotylus ute* Knight.—Costilla Co. (Ft. Garland\*), Jefferson Co., Gunnison Co., Las Animas Co. On *Betula fontinalis* Sarg., *Alnus tenuifolia* Nutt.
- Orthotylus viridis* Van Duzee.—Douglas Co., Jefferson Co. On *Salix interior* Rowlee.
- Pamillia* sp.—Douglas Co., Mesa Co. On *Pinus ponderosa* Laws.
- Parthenicus* sp. nr. *atriplicis* Knight.—Garfield Co. On *Atriplex* sp.
- Parthenicus cercocarpi* Knight.—Douglas Co., Jefferson Co. On *Cercocarpus montanus* Raf.
- Parthenicus cuneotinctus* Knight.—Mesa Co. On *Atriplex canescens* Pursh.
- Parthenicus obsoletus* Knight.—Douglas Co., Otero Co. On *Salix interior* Rowlee.
- Parthenicus oreades* Knight.—Bent Co., Douglas Co. On *Rhus trilobata* Nutt., *Ceanothus fendleri* Gray.
- Parthenicus pinicola* Knight.—Chaffee Co., La Plata Co. (Durango\*), Mesa Co., Montezuma Co., Montrose Co. On *Pinus edulis* Engelm.
- Parthenicus ribesi* Knight.—Douglas Co., Larimer Co. (Estes Park\*). On *Ribes cereum* Dougl., *Rubus* sp.
- Parthenicus sabulosus* Van Duzee.—Arapahoe Co., Douglas Co. On *Chrysothamnus nauseosus* Pallas.
- Parthenicus* sp. nr. *tenuis* Knight.—Arapahoe Co., Douglas Co., Gunnison Co. On *Chrysothamnus nauseosus* Pallas.
- Pseudopsallus abroniae* Knight.—Weld Co.
- Pseudopsallus anograe* Knight.—Arapahoe Co., Mineral Co.
- Pseudopsallus artemesicola* Knight.—Otero Co.
- Pseudopsallus atriseta* (Van Duzee).—“Colo.”
- Pseudopsallus demensus* (Van Duzee).—Douglas Co., Jefferson Co. On *Gaura coccinea* Nutt.



- Pseudopsallus lajuntae* Stonedahl & Schwartz.—Otero Co. At store lights.  
*Pseudopsallus major* (Knight).—Mesa Co.  
*Pseudopsallus puberus* (Uhler).—Montezuma Co.  
*Pseudopsallus repertus* (Uhler).—Routt Co. (Steamboat Springs\*).  
*Pseudopsallus sericatus* (Uhler).—Douglas Co., Jefferson Co., Mineral Co., Park Co., Routt Co. (Steamboat Springs\*). On *Artemisia tridentata* Nutt.  
*Pseudopsallus viridicans* (Knight).—Douglas Co., El Paso Co., Pueblo Co.  
*Sericophanes heidemanni* Poppius.—Boulder Co., Delta Co., Elbert Co.  
*Sericophanes triangularis* Knight.—Denver Co., Elbert Co., Prowers Co.  
*Slaterocoris alpinus* Kelton.—Boulder Co. (Boulder\*).  
*Slaterocoris apache* Kelton.—Alamosa Co., Archuleta Co., Chaffee Co., Conejos Co., Dolores Co., Gunnison Co., Jackson Co., La Plata Co., Larimer Co., Las Animas Co., Montezuma Co., Ouray Co. On *Chrysothamnus nauseosus* Pallas.  
*Slaterocoris atritibialis* (Knight).—Alamosa Co., Costilla Co., Larimer Co., Routt Co.  
*Slaterocoris burkei* Knight.—Ouray Co. (Ridgway\*).  
*Slaterocoris croceipes* (Uhler).—Gunnison Co., Montezuma Co., San Juan Co., Weld Co. On *Chrysothamnus* sp.  
*Slaterocoris pallidicornis* (Knight).—Costilla Co., Denver Co., Larimer Co., Las Animas Co.  
*Slaterocoris robustus* (Uhler).—Denver Co., Boulder Co., Gunnison Co., Jackson Co., Larimer Co., Routt Co. (Steamboat Springs\*). On *Artemisia tridentata* Nutt.  
*Slaterocoris rubrofemoratus* Knight.—Moffat Co.  
*Slaterocoris sheridani* Knight.—“Colo.”  
*Slaterocoris stygicus* (Say).—Douglas Co., Gunnison Co., Larimer Co., Las Animas Co., Routt Co. On *Symphoricarpos* sp.  
*Slaterocoris utahensis* Knight.—Routt Co.

#### Subfamily Mirinae

- Adelphocoris lineolatus* (Goeze).—Arapahoe Co., Boulder Co., Douglas Co., Eagle Co., Garfield Co., Larimer Co., Mesa Co.  
*Adelphocoris rapidus* (Say).—Larimer Co., Pueblo Co.  
*Adelphocoris superbus* (Uhler).—Arapahoe Co., Bent Co., Conejos Co., Denver Co., Douglas Co., Eagle Co., Gunnison Co., Huerfano Co., Jefferson Co., Larimer Co., Las Animas Co., Otero Co., Routt Co., Saguache Co., Weld Co. On *Lupinus* sp., *Chrysothamnus nauseosus* Pallas.  
*Agnocoris pulvulentus* (Uhler).—Boulder Co., Douglas Co., Larimer Co., Mesa Co., Otero Co. On *Salix amygdaloides* Ander.  
*Agnocoris rubicundus* (Fallén).—Larimer Co., Otero Co. A Holarctic species indigenous to North America.  
*Autumnimiris rubicundus* (Uhler).—(“Colo.”\*), type locality not specified.  
*Bolteria amicta* Uhler.—Pueblo Co., Teller Co. On *Juniperus monosperma* Engelm.  
*Bolteria luteifrons* Knight.—Arapahoe Co., Douglas Co. On *Juniperus scopulorum* Sarg., ornamental junipers.  
*Bolteria mexicana* (?) Kelton.—Montrose Co., San Juan Co. On *Juniperus* sp.

- Bolteria nicholi* Knight.—Dolores Co., Douglas Co., Eagle Co., Jefferson Co., Montrose Co., San Juan Co. On *Juniperus scopulorum* Sarg.
- Bolteria schaffneri* Knight.—Eagle Co., Jackson Co. (Gould\*), Larimer Co., Saguache Co., San Juan Co. On *Juniperus communis* L.
- Calocoris barberi* Henry & Wheeler.—“Colo.”
- Calocoris fasciiventris* Stål.—“Colo.” Probably a misidentification.
- Capsus cinctus* (Kolenati).—Douglas Co., Mesa Co. On grasses. A Holarctic species indigenous to North America.
- Closterocoris amoenus* (Provancher).—“Colo.” Probably a misidentification.
- Dichrooscytus alpinus* Kelton.—Boulder Co., Eagle Co., Larimer Co. (Rainbow Lakes\*), La Plata Co., Montrose Co. On *Juniperus communis* L.
- Dichrooscytus angustifrons* Knight.—Larimer Co. (Pingree Park\*).
- Dichrooscytus cuneatus* Knight.—La Plata Co. (Durango\*).
- Dichrooscytus flavivenosus* Knight.—Douglas Co., Montezuma Co. On *Juniperus scopulorum* Sarg.
- Dichrooscytus fuscusignatus* Knight.—Archuleta Co. (Pagosa Springs\*), Douglas Co., Eagle Co. On *Juniperus scopulorum* Sarg.
- Dichrooscytus irroratus* Van Duzee.—Garfield Co. (Rifle\*), La Plata Co., Larimer Co., Montezuma Co., Ouray Co.
- Dichrooscytus junipericola* Knight.—Eagle Co.
- Dichrooscytus latifrons* Knight.—Larimer Co. (Pingree Park\*).
- Dichrooscytus nitidus* Knight.—Archuleta Co. (Pagosa Springs\*). On *Juniperus* sp.
- Dichrooscytus rostratus* Kelton.—Boulder Co., Clear Creek Co., Gunnison Co., Larimer Co. On *Pinus flexilis* James.
- Dichrooscytus ruberellus* Knight.—Larimer Co. (Pingree Park\*). On *Juniperus communis* L.
- Dichrooscytus rufivenosus* Knight.—Archuleta Co. (Pagosa Springs\*), Douglas Co. On *Juniperus scopulorum* Sarg.
- Dichrooscytus suspectus* Reuter.—Larimer Co.
- Ecertobia decora* Reuter.—Larimer Co., Prowers Co.
- Irbisia brachycera* (Uhler).—Douglas Co., Elbert Co., La Plata Co., Larimer Co., Moffat Co., Weld Co. (Weld Co.\*).
- Irbisia elongata* Knight.—Eagle Co.
- Irbisia pacifica* (Uhler).—Mesa Co.
- Irbisia serrata* Bliven.—Montrose Co.
- Irbisia shulli* Knight.—Eagle Co.
- Leptopterna dolobrata* (L.).—“Colo.” A Palearctic species introduced to North America.
- Leptopterna ferrugata* (Fallén).—Archuleta Co., Gunnison Co., Jefferson Co., Larimer Co., Mineral Co. A Holarctic species indigenous to North America.
- Litomiris debilis* (Uhler).—Boulder Co., Chaffee Co., Clear Creek Co. (Berthoud Pass\*), Custer Co., Dolores Co., Douglas Co., Eagle Co., El Paso Co., Grand Co., Gunnison Co., Jackson Co., Jefferson Co., La Plata Co., Larimer Co., Mineral Co., Moffat Co., Montezuma Co., Routt Co., Summit Co., Teller Co., Weld Co.
- Lygidea annexa* (Uhler).—(“Colo.”\*), Clear Creek Co., Costilla Co., Eagle Co., Gunnison Co., Jefferson Co., Larimer Co. On *Salix* sp. Species concepts in



*Lygidea* are badly in need of revision. It is likely that only two species actually occur in Colorado.

*Lygidea rosacea* Reuter.—Boulder Co., Douglas Co. On *Salix interior* Rowlee.

*Lygidea rubecula* (Uhler).—Conejos Co., Delta Co., El Paso Co., Larimer Co., Otero Co., Ouray Co., Rio Grande Co., Routt Co. (Steamboat Springs\*). On *Salix* sp. The subspecies *infuscata* Reuter was also described from "Colorado," with no precise type locality specified.

*Lygidea salicis* Knight.—Bent Co., Larimer Co., Las Animas Co., Routt Co.

*Lygocoris atritylus* (Knight).—Costilla Co., Larimer Co., Las Animas Co., Rio Grande Co.

*Lygocoris communis* (Knight).—Costilla Co., Eagle Co., Gunnison Co., Larimer Co., Ouray Co., Rio Grande Co. On *Prunus virginiana* L.

*Lygocoris contaminatus* (Fallén).—Costilla Co., Jefferson Co., Las Animas Co. On *Betula fontinalis* Sarg. A Holarctic species indigenous to North America.

*Lygocoris pabulinus* (L.).—Archuleta Co., Boulder Co., Clear Creek Co., Eagle Co., Larimer Co., Routt Co., San Juan Co., Summit Co. On *Sambucus* sp., *Heracleum sphondylium* L. A Holarctic species indigenous to North America.

*Lygus atriflavus* Knight.—Archuleta Co., Denver Co., Elbert Co., El Paso Co., Garfield Co., Gunnison Co., Jefferson Co., Larimer Co., Moffat Co., Rio Blanco Co. On *Astragalus parryi* Gray, *Chrysothamnus nauseosus* Pallas, *Lupinus argenteus* Pursh.

*Lygus borealis* (Kelton).—Clear Creek Co., Larimer Co.

*Lygus ceanothi* Knight.—Larimer Co. (Pingree Park\*).

*Lygus columbiensis* Knight.—Boulder Co., Clear Creek Co., Grand Co., Larimer Co., Pitkin Co.

*Lygus convexicollis* Reuter.—Routt Co.

*Lygus elisus* Van Duzee.—Alamosa Co., Chaffee Co., Denver Co., El Paso Co., Fremont Co., Grand Co., Gunnison Co., Jefferson Co., La Plata Co., Larimer Co., Mesa Co., Montezuma Co., Pueblo Co., Saguache Co., Teller Co., Weld Co.

*Lygus hesperus* Knight.—Adams Co., Boulder Co., Crowley Co., Denver Co., Gunnison Co., Lake Co., Larimer Co., Mineral Co., Montezuma Co., Otero Co., Park Co., Prowers Co., Routt Co.

*Lygus humeralis* Knight.—Boulder Co., Clear Creek Co., Grand Co., Larimer Co., Pitkin Co.

*Lygus lineolaris* (Palisot de Beauvois).—Denver Co., El Paso Co., Huerfano Co., Jefferson Co., Larimer Co., Otero Co., Pueblo Co., Weld Co.

*Lygus nigropallidus* Knight.—Costilla Co., Gunnison Co., Larimer Co., Las Animas Co., Mesa Co. On *Lupinus argenteus* Pursh.

*Lygus nubilatus* Knight.—"Colo."

*Lygus nubilus* Van Duzee.—Douglas Co., Jefferson Co. On *Clematis linguisticifolia* Nutt., *Sambucus microbotrys* Ryd.

*Lygus perplexus* Stanger.—Archuleta Co., Grand Co., Gunnison Co., Larimer Co., Mesa Co., San Juan Co., Summit Co.

*Lygus plagiatus* Uhler.—Denver Co., El Paso Co. (Manitou Springs\*), Larimer Co.

*Lygus potentillae* Kelton.—"Colo."

*Lygus ravus* Stanger.—Archuleta Co., Boulder Co., Clear Creek Co.

*Lygus robustus* (Uhler).—Jackson Co., Jefferson Co., Larimer Co.

- Lygus rufidorsus* (Kelton).—Boulder Co., Routt Co.
- Lygus shulli* Knight.—Boulder Co., Custer Co., Denver Co., El Paso Co., Grand Co., Huerfano Co., Jefferson Co., Mesa Co., Teller Co.
- Lygus unctuosus* (Kelton).—Eagle Co.
- Lygus varius* Knight.—Boulder Co., Larimer Co.
- Metriorrhynchomiris dislocatus* (Say).—"Colo." Probably a misidentification.
- Mimoceps insignis* Uhler.—Eagle Co., Larimer Co., Mesa Co., Rio Grande Co.
- Neoborella pseudotsugae* Kelton & Herring.—Clear Creek Co. On *Arceuthobium* sp. parasitizing *Pinus aristata*.
- Neoborella tumida* Knight.—Eagle Co., Larimer Co., Las Animas Co. On *Arceuthobium vaginatum* Willd., *Arceuthobium americanum* Nutt.
- Neoborella xanthenes* Herring.—Eagle Co., Larimer Co. (Red Feather Lakes\*). On *Arceuthobium americanum* Nutt.
- Neoborops vigilax* Uhler.—Routt Co. (Steamboat Springs\*). On *Salix* sp.
- Neurocolpus nubilus* (Say).—Douglas Co., El Paso Co., Jefferson Co., Larimer Co., Routt Co. On *Cercocarpus montanus* Raf.
- Neurocolpus tiliae* Knight.—Arapahoe Co. On ornamental *Tilia americana* L. Introduced on nursery stock.
- Oncerometopus impictus* Knight.—Boulder Co., Chaffee Co., Dolores Co., El Paso Co., Larimer Co. (Pingree Park\*), Montezuma Co., Routt Co.
- Oncerometopus nasutus* Knight.—Logan Co. (Sterling\*), Weld Co.
- Oncerometopus nicholi* Knight.—Montezuma Co.
- Oncerometopus nigriclavus* Reuter.—Baca Co., Las Animas Co., Prowers Co.
- Oncerometopus ruber* Reuter.—"Colo." Probably a misidentification of *O. nigriclavus* Reuter.
- Orthops scutellatus* Uhler.—Boulder Co., Dolores Co., Douglas Co., El Paso Co., Jefferson Co. (Clear Creek Canyon\*), Larimer Co., Rio Grande Co., Routt Co. On *Conium maculatum* L.
- Phytocoris albidosquamosus* Knight.—Rio Blanco Co.
- Phytocoris annulicornis* (Reuter).—"Colo." Probably a misidentification.
- Phytocoris brevisculus* Reuter.—Probably a misidentification.
- Phytocoris carnosulus* Van Duzee.—Montezuma Co.
- Phytocoris cercocarpi* Knight.—El Paso Co., Jefferson Co., Las Animas Co. (Stonewall\*). On *Cercocarpus montanus* Raf.
- Phytocoris cinereus* Stonedahl.—Chaffee Co., Douglas Co., El Paso Co., Fremont Co., Jefferson Co. (Morrison\*), Saguache Co. On *Chrysothamnus nauseosus* Pallas.
- Phytocoris comulus* Knight.—Boulder Co., Chaffee Co., Costilla Co., Douglas Co., Elbert Co., Jefferson Co., Larimer Co., Las Animas Co., Mesa Co., Montrose Co. On *Pinus ponderosa* Laws, *Pinus edulis* Engelm.
- Phytocoris consors* Van Duzee.—Garfield Co., Mesa Co., Pueblo Co. On *Atriplex canescens* Pursh.
- Phytocoris conspicuus* Johnson.—"Colo."
- Phytocoris conspurcatus* Knight.—Arapahoe Co., Douglas Co., Routt Co. On *Salix interior* Rowlee.
- Phytocoris corticola* Stonedahl.—Clear Creek Co., Douglas Co.
- Phytocoris cowaniae* Stonedahl.—Mesa Co. On *Cowania stansburiana* Torr.
- Phytocoris cuneotinctus* Knight.—Mesa Co. On *Atriplex canescens* Pursh.

- Phytocoris decorus* (Reuter).—Larimer Co., Prowers Co.
- Phytocoris decurvatus* Knight.—Douglas Co., El Paso Co., Jefferson Co., Montrose Co. On *Quercus gambelii* Nutt.
- Phytocoris dumicola* Stonedahl.—Larimer Co.
- Phytocoris eximius* Reuter.—“Colo.” A predominantly eastern U.S. species. Colorado record unconfirmed.
- Phytocoris eureka* Bliven.—“Colo.”
- Phytocoris fraterculus* Van Duzee.—Douglas Co., Elbert Co., Jefferson Co., Larimer Co., Las Animas Co. On *Pinus ponderosa* Laws.
- Phytocoris heidemanni* Reuter.—Douglas Co., Elbert Co. On *Pinus ponderosa* Laws.
- Phytocoris hopi* Knight.—Archuleta Co., El Paso Co., Gunnison Co., Jackson Co., Jefferson Co., La Plata Co., Montezuma Co. On *Cercocarpus montanus* Raf.
- Phytocoris inops* Uhler.—Douglas Co., Jefferson Co. (Beaver Brook Gulch\*), La Plata Co., Larimer Co., Las Animas Co. On *Chrysothamnus nauseosus* Pallas, *Quercus gambelii* Nutt., *Cercocarpus montanus* Raf., *Holodiscus dumosus* Nutt.
- Phytocoris intermontanus* Stonedahl.—Larimer Co.
- Phytocoris interspersus* Uhler.—Clear Creek Co., Douglas Co., Eagle Co., El Paso Co. (Cheyenne Canyon, nr. Colorado Springs\*), Las Animas Co., Montrose Co., Routt Co., Summit Co. On *Quercus gambelii* Nutt., *Betula fontinalis* Sarg., *Populus tremuloides* Michx., *Epilobium augustifolium* L., *Acer glabrum* Torr.
- Phytocoris juliae* Stonedahl.—Arapahoe Co., Boulder Co., Douglas Co., Jefferson Co., Rio Blanco Co. On *Pseudotsuga menziesii* Mirb.
- Phytocoris juniperanus* Knight.—Arapahoe Co., Mesa Co., Montrose Co. On *Juniperus* sp.
- Phytocoris kiowa* Stonedahl.—Garfield Co., Las Animas Co., Montezuma Co. On *Quercus gambelii* Nutt.
- Phytocoris knowltoni* Knight.—Dolores Co., Routt Co. On *Picea engelmanni* Parry.
- Phytocoris laevis* (Uhler).—Arapahoe Co., Baca Co., Chaffee Co., Douglas Co., Garfield Co. (Glenwood Springs\*), Las Animas Co., Otero Co., Weld Co. On *Gutierrezia sarothrae* Pursh., *Chrysothamnus nauseosus* Pallas.
- Phytocoris lasiomerus* Reuter.—Arapahoe Co., Douglas Co. On *Symphoricarpos* sp.
- Phytocoris lineatus* Reuter.—Garfield Co. (Rifle\*).
- Phytocoris listi* Knight.—Larimer Co. (Ft. Collins\*), Las Animas Co., Otero Co.
- Phytocoris mellarius* Knight.—Montrose Co. On *Pinus edulis* Engelm.
- Phytocoris mirus* Knight.—Boulder Co., El Paso Co., Jefferson Co., Las Animas Co. (Stonewall\*). On *Pseudotsuga menziesii* Mirb.
- Phytocoris neglectus* Knight.—Clear Creek Co., Douglas Co., Jefferson Co., Las Animas Co., Park Co. On *Picea engelmanni* Parry, *Pinus contorta* Dougl.
- Phytocoris omani* Stonedahl.—Grand Co., Moffat Co.
- Phytocoris olseni* Knight.—Douglas Co., Garfield Co., Jefferson Co., Montezuma Co., Montrose Co. On *Quercus gambelii* Nutt.
- Phytocoris pallidicornis* Reuter.—Routt Co.
- Phytocoris piceicola* Knight.—Douglas Co., Jefferson Co., Las Animas Co. (Stonewall\*). On *Picea engelmanni* Parry.



- Phytocoris polhemusi* Stonedahl.—Las Animas Co. (Stonewall\*). On *Pinus edulis* Engelm., *Pinus ponderosa* Laws.
- Phytocoris relativus* Knight.—Douglas Co. On *Cercocarpus montanus* Raf., *Ribes cereum* Dougl., *Quercus gambelii* Nutt.
- Phytocoris reticulatus* Knight.—Montezuma Co. On *Quercus turbinella* Greene.
- Phytocoris rostratus* Knight.—Gunnison Co., Montrose Co., Saguache Co., Weld Co. On *Artemisia filifolia* Torr., *Artemisia tridentata* Nutt.
- Phytocoris schuhi* Stonedahl.—Douglas Co., Fremont Co., Larimer Co. On *Juniperus scopulorum* Sarg.
- Phytocoris schwartzi* Stonedahl.—Weld Co. On *Artemisia filifolia* Torr.
- Phytocoris shoshoni* Stonedahl.—Chaffee Co., Eagle Co., Grand Co., Las Animas Co., Mesa Co. (Colorado National Monument\*), Pitkin Co., Pueblo Co. On *Pinus edulis* Engelm., *Pinus ponderosa* Laws.
- Phytocoris simulatus* Knight.—Costilla Co. (Ft. Garland\*), Dolores Co., La Plata Co., Las Animas Co., Montrose Co., Pueblo Co. On *Pinus edulis* Engelm.
- Phytocoris stellatus* Van Duzee.—Chaffee Co., Clear Creek Co., Eagle Co., Larimer Co., Las Animas Co., Park Co., Routt Co., Summit Co. On *Pinus aristata* Engelm., *Pinus contorta* Dougl., *Pinus flexilis* James, *Pinus edulis* Engelm.
- Phytocoris sublineatus* Knight.—Arapahoe Co., Chaffee Co., Douglas Co., Elbert Co. On *Chrysothamnus nauseosus* Pallas.
- Phytocoris tenuis* Van Duzee.—Eagle Co. On *Artemisia tridentata* Nutt.
- Phytocoris umbrosus* Knight.—Douglas Co., Jefferson Co., Larimer Co., Las Animas Co. (Stonewall\*), Mesa Co. On *Pinus ponderosa* Laws.
- Phytocoris utahensis* Knight.—Saguache Co.
- Phytocoris validus* Reuter.—Larimer Co. (Ft. Collins\*), Gunnison Co. On *Chrysothamnus nauseosus* Pallas.
- Phytocoris vanduzeei* Reuter.—Routt Co.
- Phytocoris varius* Knight.—La Plata Co., Montrose Co. On *Juniperus monosperma* Engelm.
- Phytocoris ventralis* Van Duzee.—Mesa Co. On *Ephedra* sp.
- Phytocoris yollabollae* Bliven.—Jefferson Co. On *Pseudotsuga menziesii* Mirb.
- Pinalitus approximatus* (Stål).—Clear Creek Co., Dolores Co., Gunnison Co., Larimer Co., Mesa Co., Pitkin Co., Routt Co., San Juan Co., Summit Co. A Holarctic species indigenous to North America.
- Pinalitus rostratus* Kelton.—La Plata Co., Larimer Co., Summit Co.
- Pinalitus rubrotinctus* Knight.—Boulder Co., Grand Co., La Plata Co., Montezuma Co., San Juan Co.
- Pinalitus solivagus* (Van Duzee).—Huerfano Co., Las Animas Co. On *Picea engelmanni* Parry.
- Platylygus balli* Knight.—Boulder Co., El Paso Co., Las Animas Co.
- Platylygus grandis* Knight.—El Paso Co., La Plata Co., Larimer Co., Las Animas Co., Montezuma Co., Teller Co. On *Pinus ponderosa* Laws.
- Platylygus intermedius* Knight.—La Plata Co. On *Pinus flexilis* James.
- Platylygus knighti* Kelton.—Boulder Co., Gunnison Co., Larimer Co., Las Animas Co., Teller Co. On *Pinus ponderosa* Laws, *Pinus aristata* Engelm.
- Platylygus luridus* (Reuter).—Larimer Co., Las Animas Co., Routt Co. On *Pinus ponderosa* Laws, *Pinus flexilis* James, *Pinus aristata* Engelm.
- Platylygus piceicola* Kelton.—Clear Creek Co., Park Co. On *Pinus aristata* Engelm.

- Platylygus rolfsi* Knight.—El Paso Co., Larimer Co.
- Platylygus rubripes* Knight.—Boulder Co., Clear Creek Co., Grand Co., Gunnison Co., Larimer Co., Pitkin Co., Routt Co. On *Pinus contorta* Dougl.
- Platylygus vanduzeei* Usinger.—Dolores Co., Eagle Co., Grand Co., Mesa Co., Montezuma Co., Montrose Co., Park Co. On *Pinus edulis* Engelm., *Pinus ponderosa* Laws.
- Polymerus americanus* (Reuter).—"Colo."
- Polymerus balli* Knight.—Boulder Co., Douglas Co., Larimer Co., Morgan Co., Prowers Co., Weld Co.
- Polymerus basalis* (Reuter).—Baca Co., Conejos Co., Crowley Co., Douglas Co., El Paso Co., Larimer Co., Las Animas Co., Prowers Co., Routt Co.
- Polymerus basivittis* (Reuter).—Archuleta Co., Costilla Co., Eagle Co., Jefferson Co., Larimer Co., Routt Co., San Juan Co., Teller Co. Both the nominate subspecies and *P. basivittus pallidulus* Knight have been listed from Colorado, the latter with no definitive locality data.
- Polymerus chrysopsis* Knight.—Arapahoe Co., Douglas Co., Jefferson Co. On *Chrysopsis villosa* Pursh.
- Polymerus cognatus* (Fieber).—Larimer Co., Montezuma Co., Routt Co. A Holarctic species indigenous to North America.
- Polymerus diffusus* (Uhler).—Arapahoe Co., Denver Co., Douglas Co., Eagle Co., Larimer Co., Mineral Co., Rio Blanco Co.
- Polymerus flaviloris* Knight.—Archuleta Co., Boulder Co., Costilla Co., Dolores Co., Douglas Co., Gunnison Co., Jefferson Co., Larimer Co., Las Animas Co., Mineral Co., Montezuma Co., Routt Co.
- Polymerus relativus* Knight.—Chaffee Co., Costilla Co., Douglas Co., Eagle Co., Mineral Co., Montezuma Co. (Dolores\*), Teller Co.
- Polymerus rubrocuneatus* Knight.—Eagle Co., Montezuma Co., Routt Co.
- Polymerus rubroornatus* Knight.—Clear Creek Co., Huerfano Co., Larimer Co., Las Animas Co. (Stonewall\*).
- Polymerus rufipes* Knight.—Clear Creek Co., Crowley Co., Douglas Co., Las Animas Co., Routt Co.
- Polymerus tumidifrons* Knight.—Routt Co.
- Polymerus uhleri* (Van Duzee).—Chaffee Co., Denver Co., Larimer Co., Las Animas Co., Otero Co., Weld Co.
- Polymerus unifasciatus* (F.).—Larimer Co., Routt Co. A Holarctic species indigenous to North America. Some of the Colorado records may be misidentifications of *P. cognatus* (Fieber).
- Polymerus venaticus* (Uhler).—Boulder Co., Larimer Co., Routt Co.
- Porpomiris curtulus* (Reuter).—Yuma Co. On *Panicum virgatum* L.
- Prepops atripennis* (Reuter).—"Colo."
- Prepops bivittis* (Stål).—Larimer Co., Routt Co.
- Prepops borealis* Knight.—Eagle Co.
- Prepops circumcinctus* (Say).—Larimer Co.
- Prepops confraternus* (Uhler).—Boulder Co., Douglas Co., Elbert Co., El Paso Co., Jefferson Co., Larimer Co. On *Rhus trilobata* Nutt.
- Prepops eremicola* (Knight).—Jefferson Co., Larimer Co., Mesa Co., Mineral Co., San Miguel Co.



- Prepops insignis* (Say).—Larimer Co. Probably a misidentification of *P. confraternus* (Uhler).
- Prepops insitivus* (Say).—Alamosa Co.
- Prepops rubroscutellatus* (Knight).—El Paso Co., Larimer Co.
- Prepops rubrovittatus* (Stål).—Larimer Co., Las Animas Co.
- Proba distanti* (Atkinson).—Jefferson Co., Montrose Co. On *Scophularia lanceolata* Pursh.
- Proba sallei* (Stål).—Boulder Co., Eagle Co., Gunnison Co., Huerfano Co., Jackson Co., Larimer Co., Las Animas Co., Montrose Co., Ouray Co., Routt Co. On *Artemisia tridentata* Nutt.
- Rhasis leviscutatus* (Knight).—Douglas Co., Elbert Co., El Paso Co., Jefferson Co. On *Cercocarpus montanus* Raf.
- Salignus distinguendus* (Reuter).—Clear Creek Co., Douglas Co., Eagle Co., Jackson Co., Larimer Co., Las Animas Co., Mineral Co., Summit Co. On various *Salix* sp. A Holarctic species indigenous to North America.
- Stenodema pilosipes* Kelton.—“Colo.”
- Stenodema trispinosa* Reuter.—Clear Creek Co., Gunnison Co., Larimer Co., Mesa Co., Routt Co., Saguache Co. A Holarctic species indigenous to North America.
- Stenodema vicina* (Provancher).—Boulder Co., Chaffee Co., Custer Co., Douglas Co., Gunnison Co., Jackson Co., Jefferson Co., Larimer Co., Mesa Co., Mineral Co., Otero Co.
- Stenotus binotatus* (F.).—Delta Co., Dolores Co., Douglas Co., Huerfano Co., Jefferson Co. A Palearctic species introduced to North America.
- Taedia casta* (McAtee).—Larimer Co.
- Taedia colon* (Say).—Larimer Co. Based on a Ball specimen collected in 1899. Not seen since.
- Taedia deletica* (Reuter).—Elbert Co., Logan Co., Prowers Co., Weld Co. On *Artemisia filifolia* Torr.
- Taedia evonymi* (Knight).—Douglas Co., Jefferson Co.
- Taedia salicis* (Knight).—“Colo.”
- Taedia scrupea* (Say).—Arapahoe Co., Douglas Co. On *Salix interior* Rowlee, *Salix amygdaloides* Ander.
- Teratocoris caricis* Kirkaldy.—Eagle Co., Gunnison Co., Jackson Co., Larimer Co., Routt Co. (Steamboat Springs\*). On *Carex* sp.
- Teratocoris discolor* Uhler.—Larimer Co., Morgan Co., Prowers Co., Yuma Co.
- Teratocoris paludum* Sahlberg.—Larimer Co. A Holarctic species indigenous to North America.
- Teratocoris saundersi* Douglas & Scott.—Eagle Co., Larimer Co. A Holarctic species indigenous to North America.
- Trigonotylus americanus* Carvalho.—Boulder Co., Chaffee Co., Clear Creek Co., Jackson Co., Larimer Co., Mesa Co.
- Trigonotylus antennatus* Kelton.—Moffat Co.
- Trigonotylus doddi* (Distant).—“Colo.”
- Trigonotylus longipes* Slater & Wagner.—Garfield Co., Mesa Co.
- Trigonotylus pulcher* Reuter.—Larimer Co., Prowers Co., Routt Co.
- Trigonotylus ruficornis* (Geoffrey).—Jackson Co., Larimer Co., Routt Co.
- Trigonotylus tarsalis* (Reuter).—Delta Co., Mesa Co., Yuma Co.



*Trigonotylus uhleri* (Reuter).—Larimer Co. Probably a misidentification.

*Trigonotylus viridis* (Provancher).—"Colo." A Holarctic species indigenous to North America.

*Tropidosteptes amoenus* Reuter.—Larimer Co. On *Fraxinus* sp.

*Tropidosteptes* sp. (prob. undescribed).—Mesa Co. On *Fraxinus anomala* Torr.

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